

**WHAT IS CLAIMED IS:**

1. A dial assembly comprising:
  - a first member having a pivot pin attached thereto;
  - a dial magnet rotatably mounted on said pivot pin;
  - a reed switch assembly positioned operatively adjacent to said dial magnetcomprising:
  - a reed switch; and
  - a bias magnet positioned such as said reed switch is held in the first position when the poles of said dial and bias magnets are in a first orientation and will be held in a second position when the poles of the dial magnet and bias magnet are in a second orientation.
2. A dial assembly of claim 1 further comprising a cover defining a receptacle for receiving said reed switch assembly.
3. A dial assembly comprising of claim 1 wherein in said first position of said reed switch the reeds of said reed switch are in contact.
4. A dial assembly comprising of claim 2 wherein in said first position of said reed switch the reeds of said reed switch are in contact.
5. A dial assembly comprising:
  - a first member having a pivot pin attached thereto;
  - a dial magnet rotatably mounted on said pivot pin;
  - a second member attached to said first member to form a cover;
  - a reed switch assembly removably positioned operatively adjacent to said dial magnetcomprising:
  - a reed switch; and
  - a bias magnet positioned such as said reed switch is held in the first position when the

poles of said dial and bias magnets are in a first orientation and will be held in a second position when the poles of the dial magnet and bias magnet are in a second orientation.

6. A dial assembly of claim 5 further wherein said first member defines a receptacle for receiving said reed switch assembly.

7. A dial assembly of claim 6 further wherein said second member defines a receptacle for receiving said reed switch assembly.

8. A dial assembly comprising of claim 5 wherein in said first position of said reed switch the reeds of said reed switch are in contact.

9. A dial assembly comprising of claim 6 wherein in said first position of said reed switch the reeds of said reed switch are in contact.

10. A dial assembly comprising of claim 7 wherein in said first position of said reed switch the reeds of said reed switch are in contact.

11. A gauge comprising:

(a) a gauge assembly having

(i) a gauge head;

(ii) a support member extending from said gauge head;

(iii) a transmitting shaft having a first end and a second end rotatable in said support member;

(iv) a tank magnet attached to said first end of said transmitting shaft;

(v) a float arm linked to said transmitting shaft such that movement of said float arm results in rotation of said transmitting shaft;

(b) a dial assembly mounted on said gauge assembly having:

- (i) a first member having a pivot pin attached thereto;
- (ii) a dial magnet rotatably mounted on said pivot pin;
- (iii) a reed switch assembly positioned operatively adjacent to said dial magnet comprising:
  - (iv) a reed switch; and
  - v) a bias magnet positioned such as said reed switch is held in the first position when the poles of said dial and bias magnets are in a first orientation and will be held in a second position when the poles of the dial magnet and bias magnet are in a second orientation.

12. A dial assembly of claim 11 further comprising a cover defining a receptacle for receiving said reed switch assembly.

13. A dial assembly comprising of claim 12 wherein in said first position of said reed switch the reeds of said reed switch are in contact.

14. A dial assembly comprising of claim 13 wherein in said first position of said reed switch the reeds of said reed switch are in contact.